IN THE CLAIMS

1. (Currently amended) A sheet material to be made into an object by an industrial forming process, the material comprising a metal substrate and a polymer coating system bonded thereto, the coating system comprising:

- an inner layer consisting of at least one member of the group consisting of (i) a blend of (a) PET modified with at least one member of the group consisting of iso-phthalic acid and cyclohexane dimethanol and (b) PET, and (ii) PET modified with at least one member of the group consisting of iso-phthalic acid and cyclohexane dimethanol ~~thereof~~, as a layer for bonding the system to the substrate;

- a layer consisting of a blend of PET and PBT as a barrier layer, wherein the PBT-content of the barrier layer mixture is about 25 to 60% by weight;

- an outer layer consisting of PET;

wherein the outer layer has a glass transition temperature of at least 70°C and a melting temperature of at least 240 °C.

2-3. (Cancelled)

4. (Cancelled) ~~Sheet material according to claim 1, wherein the PBT-content of the barrier layer mixture is at most about 60% by weight.~~

5. (Previously presented) Sheet material according to claim 1, wherein the barrier layer consists of about 50% by weight PET and about 50% by weight PBT.

6. (Previously presented) Sheet material according to claim 1, wherein the PBT-content of the barrier layer is between about 25 % by weight and about 35% by weight.

7. (Cancelled)

8. (Currently amended) Sheet material according to claim 1, wherein the ~~outer layer has a melting temperature of at least 240 °C~~ thickness of the barrier layer is 15 to 50µm.

9. (Previously presented) Sheet material according to claim 1, wherein the thickness of the barrier layer is at least 10µm.

10. (Previously presented) Sheet material according to claim 1, wherein the total thickness of the coating system is smaller than 40 µm.

11. (Previously presented) Metal container made from a sheet material according to claim 1.

12. (Previously presented) Metal container according to claim 11, wherein the substrate comprises steel or a steel alloy or aluminium or an aluminium alloy.

13. (Previously presented) Metal container according to claim 11, wherein the substrate is electro-chromium coated steel (ECCS) or tinplate.

14. (Previously presented) Method container according to claim 11, wherein the metal container is a beverage can.

15. (Previously presented) Process for producing a sheet material according to claim 1, wherein the coating system is produced in situ by extrusion of a layer or co-extrusion of at least two layers using a suitable feed-block/die set-up.

16. (Previously presented) Process for producing a sheet material according to claim 1, wherein the coating system is formed by first preparing a film comprising one or more layers of the coating system, optionally stretching the film, and applying the film to the substrate.

17. (Previously presented) Process for producing a sheet material according to claim 16, wherein the film comprising the barrier and outer layer, which film is optionally stretched before applying the film to the substrate, is applied to the substrate which is already provided with the inner layer.

18. (Currently amended) Sheet material according to claim 1, wherein the ~~PBT-content of the barrier layer mixture is at least about 10% by weight~~ inner layer consists of PET modified with at least one member of the group consisting of iso-phthalic acid and cyclohexane dimethanol.

19. (Currently amended) Sheet material according to claim 1, wherein the ~~PBT-content of the barrier layer mixture is at least about 15% by weight.~~ inner layer consists of a blend of (a) PET modified with at least one member of the group consisting of iso-phthalic acid and cyclohexane dimethanol and (b) PET.

20. (Currently amended) Sheet material according to claim 1, wherein the ~~PBT-content of the barrier layer mixture is at least about 20% by weight~~ inner layer consists of a blend of (a) PET modified with cyclohexane dimethanol and (b) PET.

21. (Previously presented) Sheet material according to claim 1, wherein the thickness of the barrier layer is at least 15 µm.

22. (Previously presented) Sheet material according to claim 1, wherein the total thickness of the coating system is between 20 and 35 µm.

23. (Previously presented) Sheet material according to claim 1, wherein the total thickness of the coating system is about 30 µm.